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Results **1** - **30** of about **1,320,000**. (**0.25** sec)

[BOOK] High dynamic range imaging: acquisition, **display**, and **image-based** lighting
E Reinhard - 2006 - books.google.com
... imaging, including capture devices, **display** devices, file formats, dynamic range reduction, and **image-based** lighting **...** The same scene was photographed in HDR, and then prepared for **display ...** LDR) **image** (8 bits per color channel per pixel), and the same **image reduced** to only **...**
Cited by 323 - Related articles - Library Search - All 7 versions

The office of the future: A unified approach to **image-based** modeling and spatially immersive displays [PDF] from psu.edu
R Raskar, G Welch, M Cutts, A Lake... - Proceedings of the ..., 1998 - portal.acm.org
... (d) The final result, showing the initial **image** (with **reduced** dynamic range **...** d Page 7. The Office of the Future: A Unified Approach to **Image-Based** Modeling and Spatially Immersive Displays 7 **...** If more than one projector is used, each projector can have a separate **display** engine. **...**
Cited by 608 - Related articles - All 31 versions

Variance-**based** color **image** quantization for frame buffer **display**
SJ Wan, P Prusinkiewicz ... - Color Research & ..., 1990 - Wiley Online Library
... colors in the original **image** exceeds K, it must be **reduced** to K before **image display**. This process has been referred to as color **image** quantization,2 although the term **...** posed an algorithm for multidimensional **data** clustering (termed the variance-**based** algorithm), **based** on the **...**
Cited by 149 - Related articles

Image processing system for classifying **reduced image data**
K Kawamura, M Suzuki - US Patent 5,576,759, 1996 - Google Patents
... such that photographs taken during con- tinuous photography may be easily viewed on a **display**. **...** the attitude of the camera at the time of photography is determined **based** upon the **... data** is recorded in the main buffer memory 3, and, additionally, the **image data**, while being **...**
Cited by 74 - Related articles - All 2 versions

[BOOK] JPEG still **image data** compression standard
WB Pennebaker... - 1993 - books.google.com
... Adobe Photoshop, and Adobe **Display** PostScript are trademarks of Adobe Systems Incorporated, which **...** Products bearing SPARC trademarks are **based** upon an architecture developed by Sun **...** book is about JPEG, the new international standard for color **image** compression. **...**
Cited by 2690 - Related articles - Library Search - All 8 versions

Information processing method and apparatus for **displaying** a list of a plurality of **image data** files and a list of search results
M Enokida, T Yoshida ... - US Patent 6,335,746, 2002 - Google Patents
... belongs to the desired directory, a **display** is presented to clearly indicate that this is a directory and a thumbnail **image based** upon the **...** 25 Specifically, since a thumbnail **image** per se is merely for the purpose of **displaying** the general features of the full-size **image**, it is **...**
Cited by 25 - Related articles - All 6 versions

The Laplacian pyramid as a compact **image** code [PDF] from psu.edu
P Burt... - Communications, IEEE Transactions on, 1983 - ieeexplore.ieee.org
... Noncausal prediction, **based** on a symmetric neighborhood centered at each pixel, should yield more accurate prediction and **...** Let go(Q) be the original **image**, and g, (ii) be the result of applying an **...** and b) gl is low-pass filtered, and so may be encoded at a **reduced** sample rate. **...**
Cited by 3575 - Related articles - All 102 versions

Vibratory tactile **display** of **image-based** textures
Y Ikei, K Wakamatsu... - IEEE Computer Graphics and ..., 1997 - computer.org
... Preliminary texture discrimination. We first investigated the discrimination of textures displayed **based** on **image ...** Each pin of the tactile **display** was driven at the **image's** intensity level. We used two categories of **image data**: images consisting of patterns small relative to fingertip **...**
Cited by 62 - Related articles - BL Direct - All 8 versions

[PDF] The earth mover's distance, multi-dimensional scaling, and color-**based image** retrieval [PDF] from psu.edu
Y Rubner, LJ Guibas... - Proceedings of the ARPA **Image** ..., 1997 - Citeseer
... at the same time fo- cus, because nearby images are large on the **display**, and context **...** presented in this paper open a novel set of tools and possibilities for **image data**-base nav **...** between them seem to capture well the perceptual similarity or dissimilarity of images **based** on their **...**
Cited by 199 - Related articles - View as HTML - All 37 versions

Electronic still camera providing multi-format storage of full and **reduced** resolution images
DW Kuchta... - US Patent 5,164,831, 1992 - Google Patents
... due to compression tech- niques, the "thumbnail" **image** would always be a known size **based** on the **...** would be a 1,280 by 1,024 pixel, 24-bit per pixel, compressed original **image** stored on **...** To **display** the **image**, it must first be expanded, and the resulting 4 Megabytes of informa **...**
Cited by 282 - Related articles - All 2 versions

Method and apparatus for storing and **displaying** video **image data** in a video graphics system
P Chow, CK Mizuyabu, PL Swan... - US Patent ..., 2001 - Google Patents
... of multiple page fetches that will occur when the **display** output engine 20 retrieves **data** from

the memory 10 will be **reduced**. ... Y" and :5 "UV" **data** must all be retrieved from the memory 10 in order to generate the **display** output 22 or to generate a new **image based** on **data** ...
Cited by 54 - Related articles - All 2 versions

Texture presentation by vibratory tactile **display-image based** presentation of a tactile texture
Y Ikei, K Wakamatsu... - Virtual Reality Annual ..., 1997 - ieeexplore.ieee.org
... Therefore, in general, the brightness intensity of an **image** must roughly match the height of texture protrusions. 5.2 **Image based display** procedure ... (3) Brightness of the **image** is **reduced** to ten levels, including zero level. **Display** window six. J II Fig. 8 Small element textures Fig. ...
Cited by 41 - Related articles - All 6 versions

View interpolation for **image** synthesis [PDF] from psu.edu
SE Chen... - Proceedings of the 20th annual conference ..., 1993 - portal.acm.org
... The number of holes can be **reduced** further if we place the two source ... on range **data** to establish the correspondence be- tween images, range **data** should be ... 5 CONCLUSIONS AND FUTURE DIRECTIONS The interactive speed which the **image-based display** has achieved ...
Cited by 1059 - Related articles - BL Direct - All 43 versions

Efficient and effective querying by **image** content [HTML] from scientificcommons.org
C Faloutsos, R Barber, M Flickner, J Hafner... - Journal of intelligent ..., 1994 - Springer
... be used individually or in any weighted combination (as selected by the user), allowing, for example, queries **based** on color ... in order, from best match to nth best match (n is user-settable and we typically **display** the top ... Eazh **image** returned is displayed as a **reduced** "thumbnail ...
Cited by 1433 - Related articles - All 9 versions

Image-based visual hulls [PDF] from psu.edu
W Matusik, C Buehler, R Raskar... - Proceedings of the ..., 2000 - portal.acm.org
... Because the cone has a fixed (scaled) cross section, the 3D ray intersections can be **reduced** to cheaper 2D ray intersections. ... "Fast Constructive Solid Geometry **Display** in the Pixel ... [14] Laurentini, A. "The Visual Hull Concept for Silhouette **Based Image** Understanding." IEEE ...
Cited by 723 - Related articles - All 70 versions

Display control apparatus for use in composite document processing apparatus
M Terasawa - US Patent 4,823,303, 1989 - Google Patents
... **Based** on the attribute **data** and window **data**, processor 11 reads out document **data** from document ... 50 The following explains this **image**-formation **data** storage operation, referring to the flowchart of ... 3. First, it is determined in step 41 whether or not the **display data** read from ...
Cited by 108 - Related articles - All 2 versions

Hyperspectral **image data** analysis [PDF] from purdue.edu
D Landgrebe - Signal Processing Magazine, IEEE, 2002 - ieeexplore.ieee.org
... JANUARY 2002 The basis for space-**based** remote sensing is that information is available from the ... Such displays are referred to as displays in **image** space. (b) A **display** of the **data** of pixels of three materials as a function of wavelength by spectral band number. ...
Cited by 263 - Related articles - BL Direct - All 10 versions

[HTML] Medical **image** databases: A content-**based** retrieval approach [HTML] from nih.gov
HD Tagare, CC Jaffe... - Journal of the American Medical ..., 1997 - ncbi.nlm.nih.gov
... Semantic imprecision is revealed in medically **image-based** knowledge by its inability to precisely articulate concepts such as (in the case ... The left **image** is a "cardiac four-chamber" MRI section **displaying** the cardiac chambers ... The middle **image** represents an interactively (more ...
Cited by 211 - Related articles - BL Direct - All 18 versions

The spectral **image** processing system (SIPS)--interactive visualization and analysis of imaging spectrometer **data**
FA Kruse, AB Lefkoff, JW Boardman... - Remote sensing of ..., 1993 - Elsevier
... BIP cube using convert to allow efficient spectral viewing and analysis Interactive Viewing and Analysis in SIPS_View **display** gray-scale **image** use Spectra ... images using the slider-bar to look for spectral differences produce a variety of color images **based** on absorption ...
Cited by 702 - Related articles - BL Direct - All 10 versions

Weighted mapping of **image data** samples to pixel sub-components on a **display** device
W Hill, M Duggan, LB Keely Jr ... - US Patent ..., 2001 - Google Patents
... mapping the samples to pixel sub-components which form a pixel element of an LCD **display** so that ... As a result, each of the pixel sub-components represents a different portion of the **image**. ... generated for each of the red, green, and blue pixel sub-components **based** on different ...
Cited by 112 - Related articles - All 2 versions

Image-based crowd rendering [PDF] from psu.edu
F Tecchia, C Loscos... - IEEE computer graphics and ..., 2002 - computer.org
... Second, we **reduced** the amount of texture memory, letting us load many different kinds ... texture memory required for one human, as well as find new **displaying** methods to ... Choosing the Impostor Representation. Back to Top. When we use **image-based** representation to render ...
Cited by 75 - Related articles - BL Direct - All 17 versions

Multisensor **image** fusion using the wavelet transform [PDF] from ucsb.edu
H Li, BS Manjunath... - Graphical models and **image** processing, 1995 - Elsevier
... The **image** is stretched to make full use of the **display** range. ... 7c and it can be seen that the contrast of the unique structures in either of the images is **reduced**. This problem is basicly solved using the wavelet transform-**based image** fusion scheme as shown in Fig. 7d. ...
Cited by 678 - Related articles - BL Direct - All 8 versions

Image data compression: A review
AK Jain - Proceedings of the IEEE, 1981 - ieeexplore.ieee.org

... Other measures [20], [209] **based** on spatial domain characteristics such as "visibility" will be considered ... Although the jump or **image** breakup effect is significantly **reduced** by line interlacing, spatial ... **IMAGE** QUANTIZATION Since most digital **image data** compression algorithms ...
Cited by 564 - Related articles - Library Search - All 6 versions

Plenoptic modeling: An **image-based** rendering system [PDF] from psu.edu
L McMillan... - Proceedings of the 22nd annual conference ..., 1995 - portal.acm.org
... CR Descriptors: I.3.3 [Computer Graphics]: Picture/**Image** Gen- eration– **display** algorithms, viewing algorithms; I.3.7 [Computer Graphics]: Three-Dimensional Graphics and Realism– hidden line/ surface removal; I ... In **image-based** systems the underlying **data** rep- resentation ...
Cited by 1321 - Related articles - All 56 versions

Digital video tape recorder capable of accurate **image** reproduction during high speed tape motion
N Minami - US Patent 5,136,391, 1992 - Google Patents
... 0th stage **data** are applied to 0th stage **image** forming circuit 19, which circuit 19 forms the rough reproduction video signal **based** only on ... The rough reproduction video signal is applied to an external **displaying** appara- tus such as a monitor TV, and a rough **image** is repro- ...
Cited by 109 - Related articles - All 2 versions

Method and apparatus for dynamically selecting an **image** compression process **based** on **image** size and color resolution
BJ Dawson - US Patent 5,553,160, 1996 - Google Patents
... storing information and instruc- tions, a **display** device 107 coupled to bus 100 for **displaying** information to ... **Image** router 151 operates in a conventional manner to direct the uncompressed **image** to either lossless compressor 152 or lossy compressor 153, **based** on the ...
Cited by 73 - Related articles - All 6 versions

Digital **image** compression employing a resolution gradient
CFR Weiman... - US Patent 5,103,306, 1992 - Google Patents
... Near range coverage is **based** on the cameras 12, 14 and 16 being mounted three feet above the ground ... inches from the viewer, a 13 inch **display** at 20 inches, and a 21 inch **display** at 31 ... One **image** pixel in a pixel Ime subtends 0.05 degrees or 3.5 minutes of arc, adequate for ...
Cited by 174 - Related articles - All 2 versions

[BOOK] Remote sensing digital **image** analysis: an introduction [PDF] from gbv.de
JA Richards... - 2006 - books.google.com
... 12 is **based** and, during his time as a student, helped the author understand the ... given along with means by which the fast Fourier transform algorithm can be used on **image data**. ... hardware and particularly the archi- tecture (in block form) of interactive **image display** sub-systems ...
Cited by 3344 - Related articles - Library Search - All 16 versions

Method and system for producing from document **image** a form **display** with blank fields and a program to input **data** to the blank fields
H Takeda, M Tsuchiya, H Suzuki... - US Patent ..., 1993 - Google Patents
... 57] ABSTRACT A **data** processing system for inputting **data** to a form **display** includes a ... a processor for recogniz- ing character and line patterns from the form document **image** supplied from ... depending on the physical structure **data** so as to automatically produce **based** on the ...
Cited by 80 - Related articles - All 2 versions

The finer things in X-ray diffraction **data** collection [PDF] from cornell.edu
JW Pflugrath - Acta Crystallographica Section D: Biological ..., 1999 - scripts.iucr.org
... D55, 1631-1640.]) have proposed a method to separately scale each **image based** on the ... shutter and goniometer control and significant crystal radiation damage, per-**image** scale factors will ... d*TREK has modules for **displaying** images, finding spots, three-dimensional Fourier ...
Cited by 787 - Related articles - BL Direct - All 10 versions

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